## **EAST Search History**

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	"7149734".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/05/20 08:28
	32	(US-2007067767-\$ or US-2005001749-\$ or US-200500150149-\$ or US-20050143988-\$ or US-20040153700-\$ or US-2003013522-\$ or US-2003013522-\$ or US-200301393522-\$ or US-20030192032-\$ or US-20050174014-\$ or US-20050174734-\$ or US-200501747674-\$ or US-20070027512-\$ or US-2009001642-\$ or US-2009001642-\$ or US-200500733-\$). did. or (US-7557702-\$ or US-705953-\$	US-POPUB; USPAT	OR	OFF	2010/05/20 08:56

L4	32	(US-20070067767-\$ or US-2007007249-\$ or US-20060150149-\$ or US-20060150149-\$ or US-20060150149-\$ or US-20060150149-\$ or US-20030193522-\$ or US-20030193522-\$ or US-2002017711-\$ or US-20050231348-\$ or US-20060141931-\$ or US-20070176734-\$ or US-2009016462-\$ or US-2009016462-\$ or US-20090176629-\$ or US-20050048838-\$ or US-2005004838-\$ or US-2005004838-\$ or US-2005004838-\$ or US-2005004838-\$ or US-200500485-\$ or US-200500485-\$ or US-200500485-\$ or US-200500485-\$ or US-20050044-\$ or US-20050044-\$ or US-20050045-\$ or US-2005044-\$ or US-272815-\$ or US-573838-\$ or US-573838-\$ or US-573838-\$ or US-6738388-\$ or US-6738388-\$ or US-6738388-\$ or US-6738388-\$ or US-67383745-\$ or US-6788476-\$ id.	US-POPUB; USPAT	OR	OFF	2010/05/20 08:56
L5	961091	L4 (driver)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/05/20 08:56
L6	7	L4 and (driver)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/05/20 08:57
L7	22	L4 and ((block or function\$2) same (interface))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/05/20 09:17
L8	18	L4 and ((block or function\$2) near5 (interface))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/05/20 09:17

L9	6	L4 and ((block or function\$2) same ((authenti\$3) or (authori\$5)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/05/20 09:37
S48	25	(US-20070067767-\$ or US-2005007249-\$ or US-2005007249-\$ or US-20050143968-\$ or US-20050143968-\$ or US-20040153700-\$ or US-20030193522-\$ or US-20030192032-\$ or US-2002017711-\$ or US-20050231348-\$ or US-2007007176734-\$ or US-2007007176734-\$ or US-200700176734-\$ or US-200700176734-\$ or US-200700176734-\$ or US-2007001646-\$ or US-20070016462-\$ or US-737895204-\$ or US-7290244-\$ or US-7290244-\$ or US-72903536-\$ or US-7390368-\$ or US-7390368-\$ or US-5960214-\$ or US-5990368-\$ or US-5960214-\$ or US-5990368-\$ or US-5903368-\$ or US-5903368-\$ or US-5903368-\$ or US-5903707-\$ or US-	US-PGPUB; USPAT	OR	OFF	2010/03/16 14:25
S49	11	S48 and (function near3 (shell or interface))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/16 14:26
S50	2	"6738388".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/16 14:27
S51	26	(US-20070067767-\$ or US-20050007749-\$ or US-20050007494-\$ or US-20060150149-\$ or US-20060153700-\$ or US-20030193522-\$ or US-20030193522-\$ or US-20020192032-\$ or US-20020172044-\$ or US-20050231348-\$ or US-20050231348-\$ or US-20077711-\$ or US-20060141931-\$ or US-20070776734-\$ or US-20070213846-\$ or US-20070213846-\$ or US-20070213846-\$ or US-20070213846-\$ or US-20070213846-\$ or US-2007067512-\$ or	US-PGPUB; USPAT	OR	OFF	2010/03/16 14:27

		US-20090016462-\$ or US-20090076629-\$). did. or (US-7557702-\$ or US-7383204-\$ or US- 7206244-\$ or US- 7290244-\$ or US- 7089530-\$ or US- 5060214-\$ or US- 5909368-\$ or US- 5073388-\$). did.				
S52	12	S51 and (function near3 (shell or interface))	US PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/16 14:27
S53	12	S51 and (function near3 (shell or interface)) and (bus or stack)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/16 14:29
S54	1	S53 and (function- block same parameters)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/16 14:36
<b>S</b> 55	12	S53 and (parameters)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/16 15:16
S56	11	((control near2 unit) same ("fieldbus")) and (standar\$2 same interface) and (field near2 devic\$2) and (@ad < "20030325" or @prad < "20030325" or @flad < "20030325")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/22 15:04
S57	O	((control near2 unit) same ("fieldbus")) and (standar\$2 same interface) and (field near2 devic\$2) and (software same driver) and (@ad < "20030325" or @prad < "20030325" or @rlad < "20030325")	US PCPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/22 15:22

S58	6	((control near2 unit) same ("fieldbus")) and (standar32 same interface) and (field near2 devic\$2) and driver and (@ad < "20030325" or @prad < "20030325" or @rlad < "20030325")	US-PGPUB; USPAT; USOCR; EPO; JPO; DEFRWENT; IBM_TDB	OR	OFF	2010/03/22 15:22
S59	6	((control near2 unit) same ("fieldbus")) and (standars2 same interface) and (field near2 devics2) and driver and (foundation near3 fieldbus) and ((@ad < "20030325" or @prad < "20030325" or @riad < "20030325")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/22 15:27
S60	6	((control near2 unit) same ("fieldbus") and (standar82 same interface) and (field near2 devic\$2) and driver and (foundation near2 fieldbus) and (@ad < "20030325" or @prad < "20030325" or @riad < "20030325"	US-PCPUB; USPAT; USOCR; EPO; JPO; DEFWENT; IBM_TDB	OR	OFF	2010/03/22 15:27
S61	28	(US-20070067767-\$ or US-20050007249-\$ or US-20050007249-\$ or US-200500150149-\$ or US-20050143988-\$ or US-20030193522-\$ or US-20030193522-\$ or US-20030193022-\$ or US-20020177711-\$ or US-20050231348-\$ or US-20050231348-\$ or US-20070767512-\$ or US-2007067512-\$ or US-2007067512-\$ or US-2007067512-\$ or US-2007067512-\$ or US-2007067512-\$ or US-20050033886-\$). did. or (US-7557702-\$ or US-72050033886-\$). did. or US-7557702-\$ or US-72050033886-\$). did. or US-7557702-\$ or US-7205003586-\$ or US-720244-\$ or US-7205003586-\$ or US-720500358-\$ or US-720	US POPUB; USPAT	OR	OFF	2010/03/22

		5909368-\$ or US- 7502707-\$ or US- 6738388-\$ or US- 7233745-\$).did.	***************************************		***************************************	
S62	2	S61 and ("field device tool" or "fdt") and ("dtm" or "device type manager")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/22 15:37
S63	0	S61 and ((control near2 unit) same ("fieldbus")) and (standar\$2 same interface) and (field near2 devic\$2) and driver and (foundation near2 fieldbus) and ("dtm" or "device type manager") and ("idt" or "field device tool")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/22 15:38
S64	1	S62 and ("foundation fieldbus") and ("field device")	US-PCPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/22 15:40
S65	2	S62 and ("field device")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/22 15:41
S66	0	((control near2 unit) same ("fieldbus")) and (standar52 same interface) and (field near2 devic\$2) and ("field device tool" or "fdt") and ("dtm" or "device type manager") and (foundation near2 fieldbus) and (@ad < "20030325" or @prad < "20030325" or @rlad < "20030325")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/22 15:44
S67	3	((control near2 unit) same ('fieldbus")) and (standar52 same interface) and (field near2 devic\$2) and ("field device tool" or "fdt") and ("dtm" or "device type manager") and (foundation near2 fieldbus)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/22 15:44

S68	0	((control near2 unit) same ("fieldbus")) and (field near2 devic\$2) and ("field device tool" or "fidt") and ("oth" or "device type manager") and (foundation near2 fieldbus) and (@ad < "20030325" or @rad < "20030325" or @rad < "20030325")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/22 15:45
S69	O	((control near2 unit) same ("fieldbus")) and (field near2 devis\$2) and ("field device tool" or "fidt") and ("otm" or "device type managers") and (foundation near2 fieldbus) and (@ad < "20030325" or @prad < "20030325") or @rlad	US-PGPUB; USPAT; USOCR; EPO; JPO; DEFWENT; IBM_TDB	OR	OFF	2010/03/22 15:45
S70	O	((control near2 unit) same ("fieldbus")) and (field near2 devic\$2) and ("field device tool" or "fidt") and ("dtms" or "device type managers") and (foundation near2 fieldbus) and (@ad < "20030325" or @had < "20030325" or @rad < "20030325")	US-PCPUB; USPAT; USOCR; EPO; JPO; DEFWENT; IBM_TDB	OR	OFF	2010/03/22 15:46
S71	0	((control near2 unit) and ("fieldbus")) and (field near2 devic\$2) and ("field sevice tool" or "fidt") and ("dtms" or "device type managers") and (foundation near2 fieldbus) and (@ad < "20030325" or @arad < "20030325" or @flad < "20030325")	US-PGPUB; USPAT; USOGR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/22 15:46

S72	28	(US-20070067767-\$ or US-2005007249-\$ or US-200501749-\$ or US-20050143968-\$ or US-2003013522-\$ or US-2003013522-\$ or US-2003013522-\$ or US-20030139522-\$ or US-20030192032-\$ or US-20030192032-\$ or US-2005017771-\$ or US-20070176734-\$ or US-20070176734-\$ or US-20070176734-\$ or US-20070016462-\$ or US-2005003386-\$). did. or (US-757702-\$ or US-72050458-\$ or US-720707-\$ or US-720707-\$ or US-720707-\$ or US-7203745-\$ or US-7233745-\$ or US-723745-\$ or US-723745-\$ o	US-POPUE; USPAT	OR	OFF	2010/03/22
S73	5	S72 and (driver)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/22 16:12
S74	3	S72 and (driver) and (function near2 block)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/22 16:12
S75	5	S72 and (driver) and (block)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/22 16:13
S76	2	S72 and ("field device tool" or "fdt")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/22 16:45

<b>S</b> 77	6	("field device tool" or "fdt") and ("dtm" or "device type manager") and (foundation near2 fieldbus) and (@ad < "20030325" or @prad < "20030325" or @flad < "20030325")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/22 16:46
S78	2	"20020032626"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/22 16:58
\$79	30	(US-20070067767-\$ or US-20050007249-\$ or US-20050007249-\$ or US-20050143968-\$ or US-20050143968-\$ or US-20030135202-\$ or US-20030135202-\$ or US-20020177711-\$ or US-20020177711-\$ or US-20050176734-\$ or US-20060141931-\$ or US-2007021348-\$ or US-20070021348-\$ or US-20070021348-\$ or US-20070021348-\$ or US-20070021348-\$ or US-200700213846-\$ or US-200700213886-\$ or US-200700213886-\$ or US-20050076629-\$ or US-70050530-\$ or US-70050505-\$	US-PGPUB; USPAT	OR	OFF	2010/03/22 17:53
S80	T	S79 and (field near2 devic\$2) and ("fieldbus") and (function near2 block \$2) and "foundation fieldbus" and ("fdt" or "field device tool") and ("dtm" or "device type manager")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/22 17:55

S81	7	S79 and (field near2 devic\$2) and ("fieldbus") and (function near2 block \$2) and "foundation fieldbus"	US PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/22 17:55
S82	6	S79 and (field near2 devis\$2) and (firldous*) and (function near2 block \$2) and 'foundation fieldbus* and (finstall \$3 or transfer\$3 or distribut\$3) near3 (software or code or application))	US PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/22 17:57
S83	3	S79 and (field near2 devic\$2) and ("fieldbus") and "foundation fieldbus" and ("fdt" or "field device tool") and ("dtm" or "device type manager")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/22 18:00
S84	3	S79 and ("fieldbus") and "foundation fieldbus" and ("fdt" or "field device tool") and ("dtm" or "device type manager")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/22 18:02
S85	30	(US-20070067767-\$ or US-20050007249-\$ or US-200500150149-\$ or US-20050150149-\$ or US-20050143968-\$ or US-20030193522-\$ or US-20030193522-\$ or US-20030192032-\$ or US-2005017041-\$ or US-2005017041-\$ or US-2005017041-\$ or US-20050176734-\$ or US-200700767512-\$ or US-20070067512-\$ or US-20070067512-\$ or US-20050016462-\$ or US-20050016462-\$ or US-20050016463-\$ or US-2005016463-\$ or US-2005016463-\$ or US-2005016463-\$ or US-2005016463-\$ or US-2005016463-\$ or US-200501640-\$ or US-200501640-	US PGPUB; USPAT	OR	OFF	2010/03/29

		7089530-\$ or US- 5960214-\$ or US- 5909368-\$ or US- 7502707-\$ or US- 6738388-\$ or US- 7233745-\$).did.	***************************************	***************************************	***************************************	
S86	1	S85 and ((function near3 block) near3 shell)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/29 11:49
S87	1	S85 and ((function near3 block) and authen\$6)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/29 11:58
S88	1	S85 and (block same authen\$6)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/29 11:59
S89	1	S85 and (function same authen\$6)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/29 11:59
S90	2	(field near2 devic\$2) and ((function near3 block) and authen\$6) and (@ad < "20030325" and @prad < "20030325")	US PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/29 12:00
S91	31	(US-20070067767-\$ or US-2005007249-\$ or US-2005007249-\$ or US-20050143968-\$ or US-20040153700-\$ or US-20030193522-\$ or US-20030193522-\$ or US-20030193522-\$ or US-20030193522-\$ or US-2005021348-\$ or US-200707176734-\$ or US-2007076734-\$ or US-2007067512-\$ or US-20070067512-\$ or US-2007067529-\$ or US-20050046888-\$ or US-2005004688-\$ or US-2005004688-\$ or US-2005004688-\$ or US-2005004688-\$ or US-200500468-\$ or US-200500468-\$ or US-2005004688-\$ or US-2005004688-\$ or US-2005004688-\$ or US-2005004688-\$ or US-2005004688-\$ or US-200500468-\$ or US-200500	US-PGPUB; USPAT	OR	OFF	2010/03/29

	***************************************	7290244-\$ or US- 7272815-\$ or US- 7089530-\$ or US- 5960214-\$ or US- 5909368-\$ or US- 7502707-\$ or US- 6738388-\$ or US- 7233745-\$ or US- 6924663-\$).did.		***************************************	***************************************	
S92	4	S91 and (DTM or "device type manager")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/29 12:07
S93	3	(field near2 devic\$2) and ((function near3 bloc\$2) and authen\$6) and (@ad < "20030325" and @prad < "20030325")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/29 12:21
S94	11	(field near2 devic\$2) and (function same authen\$6) and (@ad < "20030325" and @prad < "20030325")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/29 12:22
S95	32	(US-2007067767-\$ or US-2005007249-\$ or US-2005007249-\$ or US-20051159700-\$ or US-20031153700-\$ or US-20031153700-\$ or US-20031153700-\$ or US-20031153700-\$ or US-20031153700-\$ or US-20031153700-\$ or US-20050077711-\$ or US-20050077711-\$ or US-20050077711-\$ or US-200500776734-\$ or US-20070067512-\$ or US-20090076629-\$ or US-20090076629-\$ or US-20050076629-\$ or US-200500775-\$ or US-20050775-\$ or US-20050775-\$ or US-200777-\$ or US-20077-\$ or US-2	US-PGPUB; USPAT	OR	OFF	2010/03/29 12:32

		6924663-\$ or US- 6782476-\$).did.			***************************************	
S96	30	S95 and (Foundation Fieldbus)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/29 12:33
S97	0	S95 and ("Foundation Fieldbus Specifiction")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/29 12:33
S98	0	S95 and ("Foundation Fieldbus Specification")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/29 12:33
S99	13	S95 and ("Foundation Fieldbus")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/29 12:33
S100	8	"7502707".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/29 12:41
S101	0	"7693688".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/29 12:48
S102	4	(field near2 devic\$2) and ((function or software or shell) near7 authen\$6) and (@ad < "20030325" and @prad < "20030325")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/29 12:57
S103	32	(US-20070087767-\$ or US-20050007249-\$ or US-20050017249-\$ or US-20050143988-\$ or US-20031153700-\$ or US-20031193522-\$ or US-20030112044-\$ or US-20030192034-\$ or US-20050231484-\$ or US-20050231484-\$ or US-20070776734-\$ or US-2007007512-\$ or US-2007007512-\$ or US-2007007512-\$ or US-2007007512-\$ or US-2007007512-\$ or US-200700757512-\$ or US-2007007512-\$ or	US-PGPUB; USPAT	OR.	OFF	2010/05/19 23:14

		US-20090016462-\$ or US-20090076629-\$ or US-20090076629-\$ or US-2005003886-\$ or US-20050046838-\$ or US-20050177533-\$). did. or (US-7557702-\$ or US-7298204-\$ or US-72980244-\$ or US-729815-\$ or US-729815-\$ or US-5990368-\$ or US-5990368-\$ or US-6738388-\$ or US-6738388-\$ or US-6738346-\$ or US-6738346-\$ or US-6738346-\$ or US-6782476-\$ or				
S104	1	S103 and ("FDT" or "field device tool") and (function near4 (block or shell or interface)) and ("fieldbus" or "field bus")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/05/19 23:16
S105	4	\$103 and ("FDT" or "field device tool") and (block or shell or interface) and ("fieldbus" or "field bus")	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/05/19 23:16
S106	1	S103 and ("FDT" or "field device tool") and (block or shell or interface) and ("fieldbus" or "field bus") and stack	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/05/19 23:18
S107	4	S103 and ("FDT" or "field device tool") and (block or shell or interface) and ("fieldbus" or "field bus" or "Fieldbus")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/05/19 23:44
S108	1	S103 and ("FDT" or "field device tool") and (block or shell or interface) and ("fieldbus" or "field bus" or "Fieldbus") and (driver)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/05/19 23:49

## EAST Search History (Interference)

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5/20/10 10:10:45 AM

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